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Declass Review by NIMA/DOD

SHEN YANG—TIENTSIN  
RAIL STUDY

ANNOTATED MAPS

TOP SECRET

TCS-1157/64-KH  
IB-50/64-KH  
Copy # 1  
27 January 1964

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

25X1A ATTENTION : [REDACTED]  
THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS  
FROM : Chief, CIA/PID (NPIC)  
SUBJECT : Rail Line from Shen-Yang to Tientsin, China  
REFERENCES : (1) ORR Requirement No. C-RR3-80,910  
(2) CIA/PID Project No. C-1845-63

1. This memorandum is in response to the referenced requirement requesting a comparative rail study from Shen-Yang to Tientsin, China. This study is primarily concerned with the traffic along the rail line from Shen-Yang to Tientsin.

25X1D 2. This study is based on photography from KEYHOLE [REDACTED] Complete  
25X1D [REDACTED] coverage was not available on either mission, but sufficient data was obtained  
25X1D to warrant this memorandum. The areas covered are indicated on the enclosed  
25X1D annotated maps, which are composed of U.S. Air Target Charts, Series-200. Since this line is double-tracked, no information is included on yards or passing tracks. The following paragraphs contain a description of the traffic along the rail line.

25X1C 3. On [REDACTED] 13 freight trains were observed enroute between Shen-Yang and Tientsin. This Mission covered only 35% of the 450 NM line. The remaining 65% was cloud covered. The location and direction of movement of each train is indicated on the enclosed annotated maps. The composition and length of the trains are indicated on the attached table. Rolling stock for these trains has been divided into five categories: locomotives (all steam), tank cars, closed cars, open cars (includes gondolas, flat cars and hoppers), and passenger cars.

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On [REDACTED] 26 freight trains were observed enroute between Shen-Yang and Tientsin. Approximately 50% of the rail line was covered by this mission.

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The location and direction of movement of each train is indicated on the enclosed annotated maps, as well as on the enclosed chart II. The composition and length of the freight trains could not be determined, on [REDACTED] due to the

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quality of the photography. There is no other usable photography available of the rail line since Mission [REDACTED]

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4. The photo analyst on this requirement was [REDACTED] who may be contacted on extension 2934, should you have further questions regarding this project. This project is considered complete.

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Enclosures:

1. Two Tables
2. 11 Annotated Maps (CIA/PID/IB-P-210/64 thru P-220/64)

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TABLE I

TOP SECRET RUST

TOP SECRET RUST  
IB-50/64

## SHEN-YANG - TIENTSIN RAIL STUDY

25X1C

TRAIN NO.	LOCATION	DIRECTION	AVERAGE SPEED-MPH	COMPOSITION & SIZE				
				LOCO	OPEN	TANK	BOX	UNIDENTIFIED
1	3 $\frac{1}{2}$ NM South of Hsing-Cheng	South	--	1	--	45	--	--
2	4 NM North of Chung-Ch'ien-So	North	26	1	34	27	--	--
3	" " " " " "	South	39	1	13	25	--	--
4	$\frac{1}{2}$ NM North of Ch'ia-Huang Tao	South	9	1	--	26	5	22
5	13 NM East of Tientsin	West	25	1	55	--	--	--
6	10 NM East of Tientsin	West	34	1	56	--	--	--
7	6 NM East of Tientsin	East	31	1	49	--	--	--
8	Tientsin R.R. Sta. Yards - East	West	8	1	8	--	5	--
9	" " " " " "	East	8	1	32	--	3	--
10	" " " " " "	West	9	1	33	--	4	--
11	Tientsin R.R. Sta. Yards - North	West	2	1	6	--	3	--
12	" " " " " "	East	--	1	--	--	38	--
13	" " " " " "	West	--	1	--	--	35	--

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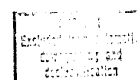


TABLE II

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~~TOP SECRET RIFE~~  
 SHEN-YANG-TIENTSIN RAIL STUDY

TCS-1157/04-KH  
 IB-50/64

TRAIN NO.	LOCATION	DIRECTION	REMARKS
1	16 NM North of Ta-Ling-Ho	North	--
2	8 NM North of Ta-Ling-Ho	South	--
3	4 $\frac{1}{2}$ NM East of Chin-Chou	North	--
4	Chin-Chou Rail Yards	North	--
5	" " " "	South	--
6	" " " "	North	--
7	10 NM South of Chin-Chou	South	--
8	1 NM South of Kao-Ch'iao	South	--
9	6 $\frac{1}{2}$ NM North of Lien-Shan	North	--
10	2 NM North of Lien-Shan	North	Single Engine Only
11	Lien-Shan Rail Yard	North	" " "
12	1 NM South of Hsing-Cheng	South	--
13	6 NM South of Hsing-Cheng	North	--
14	8 NM South of Sui-Chung	South	--
15	" " " " "	South	--
16	14 NM South of Sui-Chung	South	--
17	15 $\frac{1}{2}$ NM South of Sui-Chung	North	--
18	3 NM South of Chung-Ch'ien-So	North	--
19	2 NM North of Lin-Yu	South	--
20	Lin-Yu Rail Yard	North	Single Engine (2-open cars noted)
21	3 NM North of Ch'in-Huang TAO	North	--
22	3 NM South of Ch'in-Huang TAO	South	--
23	7 NM South of Ch'in-Huang TAO	North	--
24	9 NM South of Ch'in-Huang TAO	South	--
25	7 $\frac{1}{2}$ NM North of Ch'ang-Li	South	--
26	2 $\frac{1}{2}$ NM North of Ch'ang-Li	North	--

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 SHEN-YANG-TIENTSIN RAIL STUDY

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